Conference Program

Monday, September 8, 2008

Registration 14:00- 19:00

Welcome Party 19:00

Tuesday, September 9, 2008

Opening Session 8:30- 9:00

Opening remarks
G. Baldacchini, EL2008 Chairman
ENEA, Frascati Research Center, Italy

Session 1 OLED 9:00- 10:40

Session Chairs: Hiroshi Kobayashi, Tottori University, Japan
Rosa Maria Montereali, *ENEA*, *Frascati Research Center, Italy*

1-01-PL **Progress in Organic Light emitting Diodes**
Ching W. Tang

1-02-OR **White Light Emission from Single-Layered UV-irradiated Poly(n-Vinylcarbazole) Polymer Light Emitting Diode**
Debasis Bera, Lei Qian, Paul H. Holloway

1-03-OR **OLED light outcoupling enhancement by Nelder-Mead layer thickness optimization**
Saso Mladenovski, Peter Vandersteegen, Kristiaan Neyts, Peter Bienstman, Volker van Elsbergen, Georg Gaertner

1-08-OR **Inhomogeneous luminance due to voltage-loss in electroluminescent devices**
Kristiaan Neyts, Saso Mladenovski, Matthias Marescaux

Coffee break 10:40-11:00

Session 2 OLED 11:00- 13:00

Session Chairs: Ching W. Tang, *University of Rochester, USA*
Luisa Caneve, *ENEA, Frascati Research Center, Italy*

1-02-PL **Synthesis and Electroluminescent Properties of Conjugated Polymers**
Andrew B. Holmes, R.J. Borthwick, S.Y. Cho, K.L. Chan, D.J. Jones, G.J. McCluskey, S.E. Watkins, W.W.H. Wong

1-10-OR **Efficiency enhancement of organic light emitting diodes usingpyromellitic dianhydride as the cathode interfacial layer**
Eunkyoung Nam, Keunhee Park, Miran Moon, Hyungjun Park, Sunyoung Sohn, Donggeun Jung, JunsinYi

1-12-OR **A study on the effects of thin metallic inter-layers in Organic LEDs**
Miscioscia Riccardo, Fasolino Tommaso, Nenna Giuseppe, Tassini Paolo, Vacca Paolo, Minarini Carla, della Sala Dario

1-15-OR **Solution-processed materials for high efficient blue and white OLEDs**
Zhikuan CHEN

1-17-OR **Transient characteristics of white organic light-emitting diodes with phosphorescent and fluorescent materials as the emissive layers**
Hirotake Kajii, Noriyoshi Takahota,Yasuhiro Sekimoto,Yutaka Ohmori

Lunch 13:00-14:30

Session 3 OLED 14:30- 16:50

Session Chairs: Cees Ronda, *Phylips Research Laboratory, Germany*
Dario della Sala , *ENEA, Casaccia Research Center, Italy*

1-01-KE **Advances in White OLED Architectures for Full-Color AMOLED Displays and Solid-State Lighting Applications**
Tukaram K. Hatwar, Jeffrey P. Spindler, StevenA. Van Slyke

1-02-KE **Efficient Blue Electroluminescence from Single Polymer by Creating Molecular-Scale Graded Electronic Profile**
Show An Chen, ChihWei Huang

1-21-OR **Solution-Processible Fluorescent Molecule Exhibiting Highly Device Efficiency Over 25 cd/A**
Ma Yuguang

1-24-OR **New Highly Efficient Red Iridium Complexes for Organic Light-Emitting Diodes based on Quinoxaline Ligands**
Daniel Schneidenbach, S.Ammermann, W. Kowalsky, H.H. Johannes

1-26-OR **Electrochemical p-type doping of organic hole transport materials with deep lying HOMO levels**
Jens Meyer, Sami Hamwi, Stephan Schmale, Thomas Winkler, HansHermann Johannes, Thomas Ried, Wolfgang Kowalsky

1-30-OR **Transparent Thin Film Transistors as Pixel Drivers for Transparent Active Matrix OLED Displays**
Thomas Riedl, P. Gšrrn, F. GhaffariAshtiani, W. Kowalsky

Coffee break 16:50-17:10

Poster Session 17:10- 19:00

1-01-PO **White Emission by Ultraviolet Light Emitting Organic Devices Combined With Color Conversion Layers**
Akiyoshi Mikami, Yuki Mizuno, Shigeyuki Takeda

1-04-PO **High-efficiency white organic light-emitting diodes using codoped blue emitting layers**
Ji Hoon Seo, Kum Hee Lee, Seung SooYoon,Young Kwan Kim

1-05-PO **Evaluation of Area Uniformity for Luminance and Transmittance in Transparent OLEDs**
Uchida Takayuki, Yahata Masahiro, Tamura Toru, MasakuraYuko, Satoh Toshifumi

1-07-PO **Organic Light Emitting Devices Based on Novel Zn Complexes**
Reni Tomova, P. Petrova, R. StoychevaTopalova,A. Buroff, S. Kaloianova, T. Deligeorgiev

1-11-PO **Organic Light Emitting Diodes: temperature-rate dependence of electro-optical properties**
Giuseppe Nenna, T. Fasolino, R. Miscioscia, P.Tassini,A. Imparato, P. Di Lorenzo, A. Cassinese, C. Minarini, D. Della Sala

1-13-PO **Structural and Optical studies of Blue Emitting 2,4 – Diphenyl Quinoline Chromophore For Organic Light Diodes**
Bhaskar M. Bahirwar, R. G.Atram, R. B. Pode

1-14-PO **Polymeric anode for OLED applications**
Vacca Paolo, Miscioscia Riccardo, Nenna Giuseppe, Palumbo Domenico, Marcian˜ Tommaso, Minarini Carla, Della Sala Dario

1-16-PO **Polarized organic light emitting diodes fabricated using conducting polymer gels by thermal printing method**
Hirotake Kajii, Daisuke Kasama, Ryotaro Takata,Yutaka Ohmori

1-18-PO **Balance charge injection in solution processible efficient green phosphorescent organic light emitting device**
Jung Joo Park, Ramchandra Pode, JeungSunAhn, Jang Hyuk Kwon

1-19-PO **Improved white light quality in a white organic light-emitting device based on a single-dopant emitting layer**
Cocchi Massimo, Fattori Valeria, Virgili Dalia, Williams J.A. Gareth, Kalinowski Jan

1-20-PO **Effect of Bathocuproine on Recombination Zone as Hole-Blocking Layer for Organic Light-Emitting Diodes**
Tatsuo Mori,Yusuke Masumoto

1-22-PO **Physical Properties of 2,2'-Diaryl-9,9'-spirobifluorenes and Their Applications in Blue OLEDs**
Wong KenTsung, LiaoYuanLi, Hung WenYi

1-23-PO **Novel Styrene Based Monomers for Application in PLEDs**
Marc Debeaux, SvenAmmermann, Henning Hopf, Wolfgang Kowalsky, Hartmut KrŸger, Manuel Thesen,Armin Wedel, Ute Jana Weinaug, HansHermann Johannes

1-27-PO **Electrical and emission properties of some organic based heterojunctions for optoelectronic applications**
Anca Stanculescu, F. Stanculescu, M. Socol, L. Mihut, N. Preda, O. Rosoga

1-28-PO **High efficiency red phosphorescent organic light emitting device for AMOLED**
ChanJae Lee, DaeGyu Moon, JeongIn Han

1-29-PO **Excimer formation in single layer electroluminescent devices based on an ionic transition metal complex**
Emanuela Margapoti, Vivek Slukla, Claudia Dragonetti,Abhishek Sharma, Dominique Roberto,Adriana Valore, Mauro Murgia, Renato Ugo, Michele Muccini

1-31-PO **The Origin of the Improved Efficiency and Stability of Triphenylamine-Substituted Anthracene Derivatives for Organic Light-Emitting Diodes: A Density Functional Theory Study**
Xiaodong Liu, BingYang,Yuguang Ma

1-33-PO **Enhanced efficiency of organic light emitting diodes by NaOH surface treatment of indium tin oxide anode**
Pasquale Cusumano, E. Guarisco,A. Siragusa, P. Cona

2-02-PO **Blue-Green DC EL Device Utilizing Chemically Synthesized ZnS:Cu Nanocrystals**
DaisakuYamaguschi, Daisuke Adachi, Toshihiko Toyoma, Hiroaki Okamoto

2-03-PO **Color Rendering Properties of Hybrid EL Device based on the combination of Organic dye and Inorganic Phosphor**
Satoh Toshifumi, NkamuraYuichi, NoguchiYusuke, Kobayashi Makoto, Kawamura Satoshi, and Uchida Takayuki

2-04-PO **Powder-based inorganic electroluminescence by spin-coating**
JinYoung Kim, Sang Hyeun Park, Taewon Jeong, Min Jong Bae, Mun Ja Kim, Sung Min Park, JiBeomYoo, Donggeun Jung, SeGiYu

2-08-PO **Fabrication of Inorganic EL panels based on nanostructured materials**
Nirmalya Karar, T.K. Chakraborty,A. Basu

2-11-PO **Luminescent and structural properties of a Eu-doped BaAl2S4 thin film prepared by sputtering and sulfurization**
Yang Hwi Cho, Do Hyung Park, Byung TaeAhn

2-13-PO **Synthesis and optical characterization of ternary compound phosphor based core/shell nanoparticles**
Hamaguchi Sayako, Kobayashi Masakazu

2-14-PO **Lowering of Threshold Voltage in Nano Particle Embedded TFEL Devices**
Tsuyoshi Kotani, Taichi Sasaki,Yoshinobu Miyamoto, Koutoku Ohmi

2-15-PO **Fluorine Effects on $BaAl_2S_4$:Eu Blue-Emitting Phosphors**
Noboru Miura, Guo Runhong, Nobutoshi Kishi, Hironaga Matsumoto, Ryotaro Nakano

2-18-PO **Ce-Activated Sr2SiO4 Thin-Film Phosphors for EL**
Haruki Fukada, Toshihiro Miyata, Manabu Konagai, Kouhei Ueda, Tadatsugu Minami

2-19-PO **EL and PL Characteristics in Bi-Activated Oxide Phosphor Thin Films**
Haruki Fukada, Toshihiro Miyata, Kouhei Ueda, Manabu Konagai, Tadatsugu Minami

3-03-PO **Vacuum ultraviolet excitation and photoluminescence characteristics of Y(Ta,Nb)O_4:Eu,Tb phosphors**
Mihail Nazarov, ElisabethJeanne Popovici, IvanArellano, DoYoung Noh

3-06-PO **Red Photoluminescence Properties of SrGa2S4 Phosphors co-Activated by Mn and Rare-Earth Ion**
Shinji Okamoto, S.Aihara, K. Tanaka

3-07-PO **Effects of Crystallite/Particle Size on Photoluminescence Properties of SiO_2 Core/Y2O3:Eu3+ Shell**
Hyoung SunYoo, Sung Wook Kim, JiYeon Han, DukYoung Jeon

3-08-PO **Search for Red phosphor using Mutiobjective Genetic Algorithm Assisted Combinatorial Materials Search (MOGACMS) in a $(Ca,Ba,Mg)_x(Ge,Ti)_yO:Mn_{+4}$ System**
Sharma Asish Kumar, Kulshreshtha Chandramouli, Kwak Jong Ho, JungYoung Rok, Sohn KeeSun

3-09-PO **Two Peak Emission from Pulsed Laser Deposited (Sr0.7Ba0.3)2SiO4:Eu2+ Thin Film Phosphors**
Kwak Jong Ho, Kulshreshtha Chandramouli, SharmaAsish Kumar, JungYoung Rok, Sohn KeeSun

3-11-PO **The effects of phonon-mediated energy transfer from ZnO nanoparticles to SiO2:PbS**
Ntwaeaborwa O.M., Dhlamini M.S., Terblans J.J., Swart H.C.

3-14-PO **Effect of synthesis parameters on the luminescent property of the $ZnAl_2O_4$:Mn green phosphor prepared by the solid phase method**
Toshiki Nagura, Hiroko Kominami,Yoichiro Nakanishi, Kazuhiko Hara

3-15-PO **The optical properties of undoped and N-doped ZnO thin films**
Jun Kwan Kim, Jung Wook Lim, Hyun Tak Kim, Soon Il Jung, Sun JinYun

3-16-PO **(Y,Gd)AG:Ce Conversion Phosphors for Blue LEDs**
Robert Withnall, Jack Silver, George Fern, Terry Ireland

3-18-PO **Doped Quantum Dots for Solid-State Lighting**
Richard A. Gilstrap Jr., Hisham M. Menkara, Brent K. Wagner, Christopher J. Summers

3-20-PO **Field emission properties of carbon nanofibres with different morphology and orientation**
Theodoros Dikonimos, R. Giorgi, N. Lisi, E. Salernitano, G. Conte, S. Gagliardi, M.F. De Riccardis, D. Carbone

3-21-PO **The new design for high performance EL device using microwell structure**
Mun Ja Kim, Sung Min Park, JinYoung Kim, Meng Xiachui, Sang Hyun Park, Tae Sik Oh, Ji-BeomYoo

3-23-PO **Spectral design considerations for multi-colour persistent phosphors**
Smet Philippe,Avci Nursen, Rijpstra Kim,Alibeigi Samaneh, Poelman Dirk

3-24-PO **Synthesis and photoluminescent characteristics of Al2O3 thin films doped with CaS:Eu2+**
Avci Nursen, Smet Philippe F., Poelman Dirk

3-25-PO **Visible spectroscopic investigation of Pr-doped fluoride crystals**
Alessandra Toncelli, L. Bonelli, R. Faoro, D. Parisi, M. Tonelli

3-26-PO **Laser annealing process and cathodoluminescence of $SrGa_2S_4$:Eu thin film phosphor**
Hiroko Kominami,YukoArai, Toshiaki Seino,Yoichiro Nakanishi, Kazuhiko Hara

3-27-PO **UV-VUV luminescence property of $YVO_4:Eu^{3+}$ synthesized by microwave heating method**
Ayano Toda,Ayumi Ochiai, Kazuyoshi Uematsu, Tadashi Ishigaki, Kenji Toda, Mineo Sato

3-29-PO **Improved particle morphology by fluxes in the synthesis of a yellow-emitting phosphor, $(Sr,Ba)Si_2O_2N_2$: Eu^{2+}, for white LED application**
ManabuYamauchi, Jyunko Iizuka,Yoshinobu Miyamoto, HajimeYamamoto, Naoto Kijima

4-02-PO **Luminescence in Ternary $Li_2(Sr,Ca,Ba)SiO_4:Eu^{2+}$ Phosphors**
Kulshreshtha Chandramouli, SharmaAsish Kumar, Kwak Jong Ho, JungYoung Rok, Sohn KeeSun

4-03-PO **Growth of device-quality ZnO films by pulsed-laser deposition**
Mauro Mosca, Claudio Cal", Rapha'l ButtŽ, Sylvain Nicolay, Nicolas Grandjean

4-04-PO **Role of defects on the formation of the p-type electrode in InGaN based light emitting devices**
Jae Won Seo, Joon Seop Kwak

4-05-PO **White light LED with a small risk of retinal damage**
Malashkevich G., Semkova G., DanilchykA., VainilovichA., Lutsenko E., Poddenezhny E., BoikoA.

4-07-PO **Luminescence Properties of Mn^{2+}-Activated Alkaline-earth Silicon Nitride Phosphors**
Chengjun Duan,Anneke Delsing, Sylke Rössler, Sven Rössler, Detlef Starick, Bert Hintzen

4-08-PO **Optimiziation of Eu^{2+}-doped $Sr_2Si_5N_8$ as a red-emitting LED conversion phosphor**
Sylke Rössler, Sven Rössler, Chengjun Duan1,Anneke Delsing

4-09-PO **Dependence of the efficiency of powerful light emitting diodes on temperature and time**
E.V. Lutsenko, V.Z. Zubialevich,A.V. Danilchyk, V.N. Pavlovskii, G.P.Yablonskii

4-10-PO **Lasing and optical gain at optical pumping in InGaN/GaN electroluminescent test heterostructures grown on silicon**
E.V. Lutsenko,A.V. Danilchyk,A.G. Voinilovich, V.Z. Zubialevich, V.N. Pavlovskii, G.P.Yablonskii, B. Schineller, M. Heuken,Y. Dikme, H. Kalisch, R.A. Jansen, H. Behmenburg, T.C. Wen, M.B. Danailov,A.A. Demidovich

5-01-PO **Research on Organic Thin Film Transistors and OTFT-based Circuits and application**
Xueyan Tian, Zheng Xu

5-03-PO **Synthesis and Characterization of Luminescent Poly(p-phenyleneethynylenevinylene)s**
Bassetti Mauro, Pasquini Chiara, TameevAlexey R.

5-04-PO **Polymer / Discotic Liquid Crystalline Composite Nanotubes and Columnar Phase Formation Induced by Geometric Confinement**
Chunxiu Zhang, Zhiqun.He, zhangchunmei, WuTi,Yongsheng Wang, Zhongxiao Li, Jialing Pu

5-06-PO **Opto-Electronic properties investigation of Organic Light Emitting Transistors based on an intrinsically ambipolar material**
Raffaella Capelli, Stefano Toffanin, Franco Dinelli, Francesco Todescato, Mauro Murgia, Michele Muccini,Antonio Facchetti, Tobin J. Marks

5-08-PO **Non-Volatile Organic Field-Effect Transistor Memory with Polymer Gate Electrets**
KangJun Baeg,YongYoung Noh, InKyuYou, DongYu. Kim

5-09-PO **All about "Thin film transistors"**
V.A.L. Roy, Peter Stallinga, Ella LaiMing Wong, ZongXiang Xu, Ben ChiBun Ko, HaiFeng Xiang, BeipingYan, and ChiMing Che

6-04-PO **ZnO Films Fabricated by Arc Discharge Method**
K.A. Ogurtsov,A.A. Erusin, V.V. Bakhmetiev, I.B. Gavrilenko, Maxime Sychov

6-05-PO **High-k Nanocomposite for Electroluminescent Devices**
SergeyAlexeev, Maxim Sychov, Burt Lee, Vladimir Korsakov

6-06-PO **Ink-jet printing of organic semiconductors for OLED applications**
G. Burrasca, T. Fasolino, G. Nenna, P. Vacca, O. Valentino, Fulvia Villani, C. Minarini, D. Della Sala

6-07-PO **Transparent Ca/Ag cathode for top emitting organic light emitting diodes**
Kihyon Hong, Kisoo Kim, Jong Lam Lee

6-08-PO **New synthetic route of non-stoichiometric rare earth niobates using rubidium carbonate flux**
Kenji Toda, Kazuyoshi Uematsu, Tadashi Ishigaki, Mineo Sato

6-09-PO **Ultra-nanocrystalline diamond films for field emission displays**
S. Carta, M.C. Rossi, G. Conte, V. Ralchenko

6-10-PO **Growth and Characterization of Very Thin Lithium Fluoride Films**
R.M. Montereali, F. Bonfigli, J. Lancok,A. Mancini, V. Mussi,A. Santoni, M.A. Vincenti

6-11-PO **Effect of Dielectric Barrier Discharge Plasma on Allumina electrodes evidenced by Thermoluminescence and Optical Stimulated Luminescence analysis**
P.F.Ambrico, M.Ambrico,A. Colaianni, L. Schiavulli

7-01-PO **Study on Structural Relaxation in Polyfluorene**
Noriyuki Takada, Toshihide Kamata

7-02-PO **Chemiluminescence Energy transfer from Isoniazid to Fluorscein**
Behzad Haghighi, Somayyeh Bozorg Zadeh

7-03-PO **Long Time Degradation of Alq_3 Thin Films**
P. Chiacchiaretta, G. Baldacchini, T. Baldacchini, R.B. Pode, M.A. Vincenti

7-04-PO **The electronic structures of blue-emitting iridium complexes with different ancillary ligands**
Houyu Zhang, Xin Gu, Teng, Fei andYuguang Ma

7-05-PO **OLAF: an experimental set up for time resolved studies at the Elettra storage ring FEL source**
Casu Alberto, Coreno Marcello, de Simone Monica, KivimakiAntti, Melpignano Patrizia, Allaria Enrico, Danailov Miltcho, De Ninno Giovanni, Di Viacco Bruno, Ferianis Mario, Spezzani Carlo, Stankjewicz Marek, Trov˜ Mauro

7-06-PO **Photoluminescence of ZnO nanorods prepared via solution reaction process**
SangHoonYoon,YongSeog Kim

7-07-PO **Structural and optical properties of polymer/CdS nanoparticles films**
Di Luccio Tiziana, Masala Silvia, Minarini Carla, Nenna Giuseppe, Vacca Paolo, Valentino Olga

7-08-PO **Cis-trans Isomerization in PPV Polymers: Tremendous Refractive Index Change and application for Grating Fabrication**
Wang Fangfang, Zhang Wenyi, Chen QiDai, Sun Hongbo, MaYuguang

7-11-PO **Radiation defect formation on the surface and in the bulk of crystals**
Kalinov V.S, VoitovichA.P., StupakA.P.

7-12-PO **Film multilayer nanostructures with controllable properties**
Olga Goncharova, Valery Gremenok, Elen Zaretskaya, Klaus Bente

7-14-PO **Optical Spectroscopy and Imaging of Alq_3 Thin Films**
M.A. Vincenti, G. Baldacchini, F. Bonfigli, L. Caneve, P. Chiacchiaretta, F. Somma, R.M. Montereali

Wednesday, September 10, 2008

Session 4 Phosphors 8:30- 10:20

Session Chairs: Kristiaan Neyts, *University of Ghent, Belgium*
Francesco Michelotti, *University of Rome La Sapienza, Italy*

3-03-PL **Looking Back to Look Forward in the Research of Inorganic Phosphors**
HajimeYamamoto

3-03-KE **High Performance Green and Red Phosphors for White LEDs**
Yasuo Shimomura, T. Kurushima, H. Watanabe, S. Shimooka, M. Mikami, K. Uheda, N. Kijima

3-01-OR **Method of Making Moisture-Resistant Electroluminescent Phosphor with High Initial Brightness**
Fan Chen Wen, Dang TuanA., Coveleski Joan M., Schwab FrankA., Benjamin Dale E., Sheppeck David C.

3-02-OR **Green phosphor with improved properties**
Mihail Nazarov, Boris Tsukerblat, DoYoung Noh

Coffee break 10:20- 10:40

Session 5 Phosphors 10:40- 12:50

Session Chairs: Hajime Yamamoto, *Tokyo University of Technology, Japan*
Francesca Bonfigli, *ENEA, Frascati Research Center, Italy*

3-04-KE **Multiform Oxide Optical Materials via the Versatile Pechini-type Sol-Gel Process**
Jun Lin, MinYu, Cuikun Lin, Xiaoming Liu

3-05-OR **White Photoluminescence from Nanophosphors**
Debasis Bera, Lei Qian, Paul H. Holloway

3-10-OR **Computational Chemistry Study on Eu Site and Electronic Structure of $BaMgAl_{10}O_{17}:Eu_{2+}$ phosphor**
Hiroaki Onuma, H. Tanno,A. Suzuki, R. Sahnoun, M. Koyama, H. Tsuboi, N. Hatakeyama, A. Endou, H. Takaba, C.A. Del Carpio, R.C. Deka, M. Kubo, H. Kajiyama, T. Shinoda, A. Miyamoto

3-12-OR **Luminescent properties and degradation of SrAl2O4:Eu2+,Dy3+ phosphors**
Swart Hendrik C., Mothudi B.M., Nieuwoudt S., Terblans J.J., Coetsee E., Ntwaeaborwa O.M.

3-13-OR **Improvement of ZnS:Cu Phosphor EL Brightness by Plasma Modification of ZnS**
Maxim Sychov, Konstantin Ogurtsov,Alexandr Erusin, Vadim Bakhmetiev, Igor Gavrilenko

3-17-OR **Small Particle Phosphors for CCFL Lamps for Backlighting Applications**
Robert Withnall, Jack Silver, Terry Ireland

Lunch 12:50-14:30

Session 6 Phosphors 14:30- 16:20

Session Chairs: Sun Jin Yun, *ETRI Daejeon, Korea*
Augusto Marcelli, *INFN Frascati, Italy*

3-05-KE **Printed Quantum Dots for Light Emission, and Progress in Organic Light Emitting Devices**
Ghassan E. Jabbour

1-32-OR **MADN-based white light OLED**
Y. W. O, Chin. H. Chen, Kok Wai Cheah

6-03-OR **Gradient refractive index ITO for high contrast OLEDs**
Chen Zhi Kuan

6-02-OR **Vacuum-free fabrication of large area screen-printed OLEDs**
Dong Hyun Lee, Kyung Hee Lee, Jung Eun, Sung Min Cho

7-13-OR **Surface plasmon polariton propagation in indium tin oxide thin filmsand applications to IR emitting OLEDs**
F. Michelotti, L. Dominici, E. Descrovi, N. Danz

Coffee break 16:20- 16:40

Session 7 LED 16:40- 17:50

Session Chairs: Ramchandra B. Pode, *Kyung Hee University, Korea*
Armando Reale, *University of L'Aquila*

4-06-KE **Quantum Dot Light Emitting Diodes – A Printable Thin Film Light Source for Displays and Lighting Applications**
Peter Kazlas, Jonathan Steckel, Seth CoeSullivan, John Ritter

4-06-OR **Strained-tetrahedron model analysis of EXAFS data for Ga1-xAlxN epitaxial layers**
Benjamin Robouch, A. Kisiel, P. Robouch, I. Kutcherenko, L.K. Vodopyanov, L. Ingrosso, A. Marcelli

2-07-OR **Bright White Light-Emitting Device from Nanocrystal Composites**
Aurora Rizzo,Yanqin Li, Marco Mazzeo, Giuseppe Gigli

Conference Dinner 20:00

Thursday, September 11, 2008

Session 8 ELD 8:30- 10:20

Session Chairs: Noboru Miura, *Meij University, Japan*
Aldo Di Carlo, *University of Rome Tor Vergata*

3-04-PL **A History of Flat Panel Displays**
Chris N. King

2-07-KE **Nanomaterial-assisted enhancement of luminescent properties of WLED and CL phosphor**
DukYoung Jeon, Ho Seong Jang, and JungSub Lee

2-01-OR **Electroluminescent Phosphor Assessment**
John F. Wager

2-05-OR **Tandem emitting structure for inorganic powder electroluminescence devices**
JinYoung Kim, Sang Hyeun Park, Taewon Jeong, Min Jong Bae, Mun Ja Kim, Sung Min Park, JiBeomYoo, Donggeun Jung, SeGiYu

Coffee break 10:20- 10:40

Session 9 ELD 10:40 -12:30

Session Chairs: John Wager, *Oregon State University, USA*
Luca Lozzi, *University of L'Aquila, Italy*

2-08-KE **Flexible Inorganic Electroluminescent Devices**
Toshihiro Miyata, Tadatsugu Minami

2-16-OR **New Trial of Inorganic EL Devices**
Noboru Miura

2-09-OR **Synthesis of Non-Agglomerated Indium Tin Oxide Nanoparticles**
RichardA. Gilstrap Jr., Christopher J. Summers

2-10-OR **Brightness–Voltage Characteristics of Powder AC Electroluminescent Lamps**
Jack Silver, Robert Withnall, Terry Ireland

Lunch 12:30- 13:30

Conference Excursion 14:00

Friday, September 12, 2008

Session 10 Basic Phenomena 8:30- 10:30

Session Chairs: Vladimir Kalinov, *Accademy of Sciences, Belarus*
Michele Muccini, *CNR- ISMN Bologna, Italy*

7-09-KE **STARK spectroscopy as a new tool for organic device studies**
J. CabanilasGonzalez, M. Celebrano, G. Cerullo, L. Luer, C. Sciascia, Guglielmo Lanzani

5-10-KE **New OLED Materials Technologies for Displays, Illumination and Backlighting**
ChiMing Che

7-09-OR **Intense 1540 nm emission from YAG:Ce/Er phosphor**
Jian Xin Meng, Zhao Pu Shi, Jin Qing Li, Kok Wai Cheah

7-10-OR **Electronic relaxation processes in the T_1 state of phosphorescent $Ir(ppy)_3$**
Taiju Tsuboi

2-20-OR **Morphology and luminescence of solvothermally deposited (Ca,Sr)S:Eu^{2+} thin films**
Smet Philippe, Avci Nursen, Poelman Dirk

Coffee break 10:30- 10:50

Session 11 Materials & Techniques 10:50- 12:40

Session Chairs: Taiju Tsuboi, *Kyoto Sangyo University, Japan*
Fabrizia Somma, *University of Rome Tre, Italy*

6-11-KE **Evaluation of OLED light extraction structures by simulation**
Horst Greiner

6-01-OR **Flash Evaporation of Aluminum Electrodes for Organic Devices**
Steffen Mozer, W. Kowalsky, H.H. Johannes

5-07-OR **Lowering ASE threshold in thin-film by efficient Fšrster energy transfer: ter(9,9-dyarilfluorene) blended with 4-(dicyanomethylene)-2-methyl-6-(p-dimethylaminostyryl)-4H-pyran dye**
Stefano Toffanin, Raffaella Capelli, Miguel Ramon, KenTsung Wong, Roberto Zamboni, Michele Muccini

5-02-OR **Photoluminescence submicrometer spatial modulation of 6,13 pentacenequinone thin films**
Parisse Pietro, De Marco Patrizia, Santucci Sandro, Zuppella Paola, Tucceri Paola, RealeArmando, Luciani Domenico, Ottaviano Luca

5-05-OR **High current density in ambipolar Organic Field Effect Transistor based on a tri-layer heterojunction**
Raffaella Capelli, Stefano Toffanin, Franco Dinelli, Francesco Todescato, Mauro Murgia, Michele Muccini,Antonio Facchetti, Tobin J. Marks

Lunch 12:40- 14:00

Closing Session 14:00- 15:00

Young Researcher Prizes,
Closing Remarks,
EL2010 Presentation